

FOOD CONTAINING EUGLENA

Patent Number: JP60196157
Publication date: 1985-10-04
Inventor(s): KITAOKA SHIYOUZABUROU; others: 01
Applicant(s): AMANO SEIYAKU KK; others: 01
Requested Patent: JP60196157
Application Number: JP19840052029 19840316
Priority Number(s):
IPC Classification: A23L1/03; A23L1/42
EC Classification:
Equivalents: JP1750638C, JP4038381B

Abstract

PURPOSE: To provide the titled food having excellent digestibility and improved palatability, and containing Euglena cell prepared by treating cultured Euglena with an aqueous organic solvent to remove the sticky excrete.

CONSTITUTION: The cells of Euglena are produced by (1) culturing Euglena such as *Euglena gracilis* in a medium containing an inorganic or organic carbon source (e.g. glucose), a nitrogen source [e.g. (NH₄)₂SO₄, inorganic salts (e.g. MgSO₄) and minor elements (e.g. vitamins), (2) centrifuging or filtering the cultured Euglena to separate the cultured cells, (3) washing the separated cells, (4) dispersing or suspending in 2-500 times volume of an aqueous organic solvent (e.g. ethanol) having a concentration of 1-65vol%, (5) washing at 10-35 deg.C for 1-60min under stirring, (6) filtering and again washing the cells, and (7) drying and pulverizing the product. The obtained Euglena cells are added to a food as a food raw material, food additive nutrient assisting agent, etc.